



Attorney's Docket No.: 10296-066US1

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Erik V. Rencs *et al.*
Serial No. : 10/550,164
Filed : September 20, 2005
Title : POLARIZATION DETECTION

Art Unit : 2886
Examiner : Hoa Q. Pham
Conf. No. : 5292

MAIL STOP AMENDMENT

Commissioner for Patents
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Alexandria, VA 22313-1450

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Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents can be provided upon request. Copies of Office Actions from a co-owned application (U.S.S.N. 10/155,285, now abandoned) are also enclosed.

This statement is being filed after a first Office Action on the merits, but before receipt of a final Office Action or a Notice of Allowance. Please apply the \$180 payment for the late submission fee of §1.17(p) and any other charges or credits to Deposit Account No. 06-1050, referencing Attorney's Docket No. 10296-066US1.

Respectfully submitted,

Date: July 14, 2007

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10296-066US1	Application No. 10/550,164
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Erik V. Rencs <i>et al.</i>	
		Filing Date September 20, 2005	Group Art Unit 2886

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,928,907	07/27/1999	Woudenberg et al.			
	AB	6,252,668	06/26/2001	Hill			

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AC	EP 382 433	5/11/1997	EPO				
	AD	WO 98/05962	02/12/98	WIPO				
	AE	WO 98/18956	05/07/98	WIPO				
	AF	WO 2004/085670	10/07/2004	WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AG	Ambion Technotes 8(1) "Real-time PCR Goes Prime Time" printed Apr-22-2002.
	AH	Chipperton "Fluorescence Polarization: Fulfilling Potential" www.currentdrugdiscovery.com , (Sept. 2001).
	AI	Cortese "At the Speed of Light" <i>The Scientist</i> 14(14):18, printed from http://www.the-scientist.com/yr2000/jul/profile1_000710.htm , (July 10, 2000).
	AJ	Devlin R <i>et al.</i> Homogeneous detection of nucleic acids by transient-state polarized fluorescence. <i>Clin Chem</i> , Sep:39(9):1939-43, (1993).
	AK	Devlin R <i>et al.</i> Homogeneous detection of nucleic acids by transient-state polarized fluorescence. Erratum in: <i>Clin Chem</i> , Nov:39(11 Pt 1):2343, (1993).
	AL	Fujii T, <i>et al.</i> , "Rapid detection of the gene of <i>Legionella pneumophila</i> using the fluorescence polarization with the asymmetric PCR", <i>Nucl. Acid Symp.</i> , Ser. 42: 59-60, (1999).
	AM	Gibson, NJ I., "A homogeneous method for genotyping with fluorescence polarization", <i>Clin Chem</i> 43(8): 1336-41, (1997).
	AN	Higuchi R <i>et al.</i> , "Kinetic PCR Analysis: Real-Time Monitoring of DNA Amplification Reactions", (<i>Biotechnology</i> (NY),11(9):1026-1030, (1993).
	AO	Holland PM <i>et al.</i> , "Detection of Specific Polymerase Chain Reaction Product by Utilizing the 5' -> 3' Exonuclease Activity of <i>Thermus aquaticus</i> DNA Polymerase", <i>Proc. Natl. Acad. Sci. USA</i> 88: 7276-7280; (1991).
	AP	Hurley <i>et al.</i> "A Homogenous High Throughput SNP Assay using Fluorescence Polarization" : SBS Posert paper printed from http://www.cri-inc.com/products/life_symmetry.shtml , Printed on May 21, (2002).
	AQ	Hsu <i>et al.</i> , "Universal SNP Genotyping Assay with Fluorescence Polarization Detection", <i>BioTechniques</i> 31(3):560-570 (2001)

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10296-066US1	Application No. 10/550,164
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Erik V. Rencs <i>et al.</i>	
		Filing Date September 20, 2005	Group Art Unit 2886

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AR	Kwok, "SNP Genotyping With Fluorescence Polarization Detection", <i>Human Mutation</i> 19:315-323 (2002)
	AS	Latif S. <i>et al.</i> , "Fluorescence polarization in homogeneous nucleic acid analysis II: 5'-nuclease assay", <i>Genome Res.</i> 11(3): 436-440, (2001).
	AT	Lee LG <i>et al.</i> , "Allelic Discrimination by Nick-Translation PCR with Fluorogenic Probes", <i>Nucl Acids Res</i> 21(16): 3761-3766; (1993).
	AU	Livak KJ <i>et al.</i> , "Oligonucleotides with Fluorescent Dyes at Opposite Ends Provide a Quenched Probe System Useful for Detecting PCR Product and Nucleic Acid Hybridization", <i>PCR Meth. Appl.</i> 4(6): 357-362, (1995).
	AV	Mikhailovich <i>et al.</i> , "Identification of Rifampin-Resistant <i>Mycobacterium tuberculosis</i> Strains by Hybridization, PCR and Ligase Detection Reaction on Oligonucleotide Microchips", <i>Journal of Clinical Microbiology</i> 39(7):2531-2540 (2001).
	AW	Murakami A <i>et al.</i> , "Fluorescent-labeled oligonucleotide probes: detection of hybrid formation in solution by fluorescence polarization spectroscopy", <i>NAR</i> 19(15): 4097-4102, (1991).
	AX	Nakatsuji. Press Release: CRI Awarded Grant to Develop Multispectral FP-TIR Microscope. Printed from http://www.cri-inc.com/news/press_release_detail.asp?id=6 , (February 26, 2001).
	AY	Ohiso I, <i>et al.</i> , "A fluorescence polarization assay using oligonucleotide probes for the rapid detection of verotoxin-producing <i>Escherichia coli</i> ", <i>J. Biotech.</i> 81(1): 15-25, (2000).
	AZ	Owicki, "Fluorescence Polarization and Anisotropy in High Throughput Screening: Perspectives and Primer", <i>Journal of Biomolecular Screening</i> 5(5):297-306 (2000).
	AAA	Saiki, <i>et al.</i> "Enzymatic Amplification of β -Globin Genomic Sequences and Restriction Site Analysis for Diagnosis of Sickle Cell Anemia", <i>Science</i> 230, 1350-1354, (1985).
	ABB	Sarkar <i>et al.</i> , "Access to a Messenger RNA Sequence or Its Protein Product Is Not Limited By Tissue or Species Specificity", <i>Science</i> 244: 331-34 ; (1989).
	ACC	Stoflet <i>et al.</i> , "Genomic Amplification with Transcript Sequencing", <i>Science</i> 239: 491; (1988).
	ADD	Walker GT, <i>et al.</i> , "Strand Displacement amplification (SDA) and transient-state fluorescence polarization detection of <i>Mycobacterium tuberculosis</i> DNA", <i>Clin Chem</i> 42(1):9-13, (1996).
	AEE	Ye B-C <i>et al.</i> "Quantitative analysis of polymerase chain reaction using anisotropy ratio and relative hydrodynamic volume of fluorescence polarization method", <i>NAR</i> 26(15): 3614-3615, (1998).
	AFF	"Products: Affinity™ Fluorescence Multimode Reader" printed from http://www.cri-inc.com/products/life_symmetry.shtml , printed on May 21, 2002.
	AGG	"Slide Presentation on the Affinity (formerly Symmetry) Multimode Reader" printed from http://www.cri-inc.com/products/life_symmetry.shtml , printed on May 21, 2002.
	AHH	"What is Fluorescence Polarization" Printed from http://www.jolley.com/jolleyfiles/learning.html , Printed on SEP-19-2001.
	AII	United States Patent and Trademark Office, non-final Office Action mailed on 03/11/2005, for U.S.S.N. 10/155,285.
	AJJ	United States Patent and Trademark Office, final Office Action mailed on 12/14/2005, for U.S.S.N. 10/155,285.
	AKK	United States Patent and Trademark Office, Advisory Action mailed on 06/26/2006, for U.S.S.N. 10/155,285.

Examiner Signature	Date Considered
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